

DT05 Rec'd PCT/PTO 08 DEC 2004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
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 Evy LUNDGREN-AKERLUND ) Group Art Unit:  
 )  
 Application No.: ) Examiner:  
 )  
 Filed: December 8, 2004 ) Confirmation No.:  
 )  
 For: MARKER FOR STEM CELLS AND ITS )  
 USE )

#2

**FIRST INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

To assist the Examiner, the document(s) is/are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER &amp; MATHIS, L.L.P.

Date December 8, 2004By: 

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10/517210

Substitute for form 1449A/PTO &amp; 1449B/PTO

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Complete if Known**FIRST  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

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Application Number

Filing Date

December 8, 2004

First Named Inventor

Evy Lundgren-Akerlund

Examiner Name

Attorney Docket Number

034325-001

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	WO 0075187	A1	PCT	12-14-2000				*			
	WO 9638482	A1	PCT	12-05-1996				*			
	WO 9951639	A1	PCT	10-14-1999				*			
	WO 9820731	A1	PCT	05-22-1998				*			

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Tiger et al., "Alpha 11 beta 1 Integrin is a Receptor for Interstitial Collagens Involved in Cell Migration and Collagen Reorganization on Mesenchymal Nonmuscle Cells", Development Biology, Vo. 237, 2001, pp. 116-129
	Camper et al., "Distribution of the collagen-binding integrin alpha 10 beta 1, during mouse development", Cell Tissue Res., Vol. 306, 2001, pp. 107-116
	Filipak et al., "Tumor necrosis factor inhibits the terminal event in mesenchymal stem cell differentiation", Journal of cellular physiology, Vol. 137, No. 2, November 1998, pp. 367-373
	Mareschi et al., "Isolation of human mesenchymal stem cells: bone marrow versus umbilical cord blood", Haematologica, Vol. 86, 2001, pp. 1099-1100
	Zikuan et al., "biological features of mesenchymal stem cells from human bone marrow", Chinese Medical Journal, Vol. 114, No. 9, 2001, pp. 950-953
	Reyes et al., "Purification and ex vivo expansion of postnatal human marrow mesodermal progenitor cells", Blood, No. 98, No. 9, November 2001, pp. 2615-2625
	Gronthos et al., "Integrin-mediated Interactions Between Human Bone Marrow Stromal Precursor Cells and the Extracellular Matrix", Bone, Vol. 28, No. 2, February 2001, pp. 174-181
	Barry et al., "The Monoclonal Antibody SH-2, Raised against Human Mesenchymal Stem Cells, Recognizes an Epitope on Endoglin (CD105)", Biochemical and Biophysical Research Communications, Vol. 265, 1999, pp. 134-139

\* Copy Attached

\*\* Previously Provided

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.